

SAMPLE COSTS TO PRODUCE PROCESSING POTATOES IN MONTEREY COUNTY - 1981
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Yield: 16.5 tons per acre harvested, 15 tons sold
Harvest: September through April (depending on contract)
Plant: April, May & June

Total Labor Costs/Hr ^{1/}	Hourly Tractor Costs			
		Cash Costs	Depreciation	Interest
C1. I Tractor Driver 9.32	80 h.p. Crawler Diesel	14.51	6.33	4.75
C1. II Tractor Driver 9.11	60 h.p. Wheel Diesel	6.35	2.25	1.69
Irrigator 8.15				
Other Labor 8.02				

Operation	Tractor Used	Hours/Acre	Labor	Fuel & Repairs	Contract & Materials	Total/Acre
CULTURAL						
Cover Crop					Share to Potatoes	40.00
Subsoil 2x	C-80	1.24	11.56	21.63		33.19
Disc & Roll 3x	C-80	0.69	6.29	12.24		18.53
Chisel 2x	C-80	1.0	9.11	16.17		25.28
Landplane 2x	C-80	0.52	4.74	9.61		14.35
List & Preplant Fertilizer					Contract @ \$8.00/ac, 1000# 12-12-12 @ \$115.00	123.00
Plant					Contract @ \$25.00/ac, 2700# seed @ \$6.50/cwt. (include cutting)	200.50
Nematode Control					Contract @ \$9.00/ac, Materials @ \$30.75	39.75
Herbicide 2x ^{2/}					Preplant: Contract @ \$9.50/ac, Materials \$24.25; Pre-digging: Contract @ \$7.25/ac, Materials \$32.50	73.50
Irrigation 7x			7.0	57.05	2.5 ac.ft. @ \$36.00/ft, \$4.00 booster pump	151.05
Fertilizer 2x					Contract side dress @ \$7.25/ac, 90# N @ \$.44/ lb, in irrig. water. Application \$4.00/ac, Materials 75 lbs N @ \$.44/lb.	84.10
Insecticides 4x					Contract @ \$8.25/ac, Materials @ \$45.00	53.25
Cultivations 4x	WD-60	2.0	18.22	12.70		30.92
Hoe & Weed		3.0	24.06			24.06
Roll Tops - Hill & Pack	WD-60	1.0	9.11	6.50		15.61
Miscellaneous		4.0	24.06	6.35		30.41
TOTAL CULTURAL COSTS						957.50

OVERHEAD

Business Costs: Office & Business Expense, etc, at 15% of Cultural Costs	143.63
Taxes: Equipment, except Tractors	5.00
Rent: \$400.00/acre	400.00
TOTAL OVERHEAD COSTS	548.63
TOTAL CULTURAL AND OVERHEAD COSTS	1506.13

HARVEST

Harvest: .40/Cwt. Harvest, .35/Cwt. Grading. Total .75/Cwt.	247.50
TOTAL HARVEST COSTS	247.50
TOTAL CULTURAL, OVERHEAD AND HARVEST COSTS	1753.63

ANNUAL COSTS

Investment	Per Acre	Depreciation	Interest-15%
Buildings	60.00	6.00	4.50
Irrigation System	300.00	30.00	22.50
Tractors	205.00	30.83	23.15
Equipment	200.00	20.00	15.00
Portable Irrig. Sys.	50.00	5.00	3.75
	815.00	91.83	68.90
			Total Annual Costs: 160.73
TOTAL COST PER ACRE			1914.36
COST PER TON @ 15 TONS MARKETABLE POTATOES PER ACRE			127.62

SAMPLE COSTS OF PRODUCTION AT VARYING YIELDS

YIELD:	HARVESTED TONS/ACRE	13.75	16.5	19.2	21.9
	MARKETABLE TONS/ACRE	12.5	15	17.5	20
Costs to Grow		1506.13	1506.13	1506.13	1506.13
Harvest Costs @ \$15.00/Ton		206.25	247.50	288.00	328.50
Annual Costs		160.73	160.73	160.73	160.23
TOTAL COSTS PER ACRE		1873.11	1914.36	1954.86	1995.36
Costs Per Ton		149.85	127.62	111.71	99.77

Management has not been included as a cost of production in this study. It may be as much as 5% of the farm value of the crop.

1/ Labor costs per hour include fringe benefits paid by the farmer. FDI, social security, workmen's compensation, unemployment, health plan, vacation and pension plan.

2/ For herbicide materials, rates, and application techniques, contact a pest control advisor or your local Agricultural Extension office.